IP-PBX, SIPPBX6200A

IPv6 and IPv4 dual stack SIP IP-PBX

Front Panel View
19-inch chassis

Rear Panel View

Asterisk Base SIP IP-PBX

IPV6 and IPv4 Dual Stack simultaneously

Support up-to 200 Register Accounts with 50 concurrent calls

Rich Telephony PBX Features

Support IVR and Voice Mail

Toll Restriction

SIPPBX 6200A is a SIP based IP-PBX which supports both IPv6 (WAN port) and IPv4 (LAN port) network address simultaneously. It is built-in embedded Linux OS with Asterisk SIP Stack. By making customization and optimization of Asterisk SIP protocol to SIPPBX 6200A, it is reliable and user friendly to use as regular IP Network device. You don't need to concern Asterisk Source code modification, SIPPBX6200A is ready done what features you need. Just simply use Web Browser to Login in SIPPBX6200A and enable your desire feature and function and it is ready to use immediately.

IPv6 IP-PBX is ready to Market

IPv6 address was developed for years, however, it was not practical to our life up to date. More and more electronic devices are able to link to IP Network. This makes existing IPv4 address supply in shortage to global market. Meanwhile, the emerging countries are not able to increase IPv4 address supply due to strong market demand on broadband services. SIPPBX6200A is an SIP based IP-PBX which built-in both IPv6 and IPv4 IP address. No matter when you are ready to deploy IPv6 network now, or reserve the future expansion to IPv6 from existing IPv4 address, SIPPBX6200A is ready to go with you. Both IPv6 and IPv4 address are working simultaneously at Voice IP Call. Its flexibility of both IPv6 and IPv4 accept and interwork both addresses on today and tomorrow when you need.

Rich PBX Telephony Features

SIPPBX 6200A supports not only traditional PBX telephony features, but also VoIP based call via local LAN as well as Internet or private VPN Network. It allows employees to make or receive a call over Internet no matter where they are, for instance, Home ADSL network, public WiFi network, overseas travelling and remotely branch office. SIPPBX 6200A is highly compatible with SIP based CPE devices such as IP Phone, PC based Soft Phone, Smart Phone with SIP software. Its features

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are more than an PBX, but also an telephony cost saving and convenient devices to talk to your co-workers.

Configure IP Phone is easier than before

SIPPBX6200A supports HTTP provision feature via MAC address inside. An unique MAC address profile at each LP600N IP phone was created inside SIPPBX6200A before installation on-Site. It allows system manager to change each LP600N IP Phone configuration and firmware upgrade remotely. Moreover, LP600N has built-in dual Flash memory to avoid from crashing firmware during un-proper firmware upgrade procedures. This feature reduces a good deal of engineer installation time on-site.

SPECIFICATION

Interface:

Ethernet ports (RJ-45, 10/100/1000 Base-T)
- 1-WAN port, for connecting to Internet
- 1-LAN port for connecting to Private Network

AC power Line input outlet

IP Protocol :

SIP RFC 3261 Compliance and Asterisk Compatible
Asterisk version 1.4
Linux OS version 2.6.28
Support IPv4(RFC791) and IPv6(RFC2460) Dual Stack
Network (IPv4): Support Fixed IP, DHCP, and PPPoE mode
Network (IPv6) WAN port only: Support Fixed and Auto config

IVR :

Web Based Auto Attendant call rule
Schedule or Fixed Greeting Rule
Support diverse Branch offices Greeting
Build System Prompt(Greeting) file via extension Phone set

Voice Mail :

Voice Mail was sent to designated email address
- Email Subject
- Email Encode
- Email body (Content)
- Message Envelope Function enable/disable
- Message Envelop Format (English or Chinese)

Voice Mail maximum length and count set
Message Waiting Indication (MWI)
Personal Greeting

Toll Restriction :

Support different levels Toll Restriction Service
Support Call Duration Restriction
Support Personal Password
Support outgoing call Routing Password

Call Features :

Flexible Extension Logic
CPE Based Call Transfer (Consultant, Blind)
Server Based Call Transfer (Consultant, Blind)
Call Forward (Busy, No Answer, Unconditional, Unavailable)
Call Hold and Retrieval
Call Routing
Features configuration by pressing short Code via phone set
Extension configuration and status display
Outgoing Call Trunk setting
Select SIP Trunk Registration
Outgoing Call Routing Table
- Prefix code
- Digit Length (25 digits max.)
- Template file download
- 8 Priority destination numbers
- Add and Drop digits
- Outgoing call password

Incoming Call Routing Table
- Prefix code
- Digit Length
- Add and Drop code

Call Waiting
Call Pickup (Global, Specific)
Call Park
Call Camp-On (Call Back on Busy)
CLIR (Caller Line Identification Restriction)
DND (Do Not Disturb)
Dial Group
- Group Number
- Assign Phone numbers to this group
- Ring All, Sequential Ring and Dynamic Ring
- Group No Answer play voice greeting, or left voice mail to designated Phone.

Speed Dial
Music Ring Back Tone
Music On Hold
Music On Transfer
Built-in CDR Report
Call Monitor
Broadcasting Service (Up to 16 IP Phone per group)
Meet Me Conference (8-Party with G.711 voice codec)
T.38 FAX supported (IPv4 Only)

Audio/Video Codecs :

G.711 A-law and μ-law
G.729
G.723 Pass-Thru
GSM 6.10 (full rate)
H.263 Video Codec Pass-Thru
MPEG4 Pass-Thru

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Technical Features :
Support Subscriber Registration for IPv4 and IPv6
Support Call Routing Between IPv4 and IPv6
Support RTP Proxy Between IPv4 and IPv6
Subscriber NAT Traversal
Behind NAT Support
Voice Codec Translate (G.711, G.729 and GSM)
DTMF: in-band, RFC2833 and SIP-Info

Maximum Capacity :
200 Concurrent Registration users
50 Concurrent Calls (Routing Mode)

MANAGEMENT :
Auto Configure (Support LP600N only)
Multiple Language Support (English and Chinese)
Management: Web Browser Management
HTTP Firmware Upgrade
Export/Import Configuration
NTP time setting with time zone
SMTP Server and Email address setting
HTTP access to WAN port number and enable/disable
Telnet access to WAN port number and enable/disable
Ping WAN port (IPv4 only) enable/disable
Web Browser Firmware Upload
Web Browser Hold Tone, Ring Back Tone Upload
Configuration Backup/Restore
Import Setting: Configuration, IVR Package, IVR WAV File
Export Setting: Configuration and IVR Package
Web Browser RESET to Default
Web Browser Reboot System
Web Browser POWER OFF System remotely
Display System Firmware and Library information
Subscribers Status Display
On-Line Call Monitor

Support DDNS
Built-in NTP Client/Server
Built-in DHCP Server
Built-in Simple Firewall

CDR Report
- Send out via TFTP
- Send to remote Host IP Server
- Display and Export CDR
- Caller and receiver number
- Start Date and Time
- Elapsed time and Bill Time
- Status

Environmental :
Dimension: 42.8 x 25 x 6.5 CM (1.5U/19-inch) without packing
Weight: 5.9kg (One unit with packing)
One unit packing dimension: 55 x 37.5 17.5 CM
Operating Temp. & Humidity
- Temp.: 0°C~45°C (32°F~113°F)
- Humidity: 10%~90% relative humidity, non-condensing

AC Power Line:
- INPUT: AC100V~240V, 50/60Hz

AC Power Consumption : 16 Watts

Approvals:
CE, FCC, LVD and RoHS
Country of origin:
Made in Taiwan
Packing Accessories
SIPPBX 6200A x 1 unit
AC Power Cable x 1 pcs
Rack Mount bracket x 2 pcs
CD User Manual
Warranty
One year

Comparison Table between SIPPBX 6200A and other Welltech's IP-PBX models :

	6200A	6200S	6200GS	6200N	ePBX100A-128
SIP Stack	Asterisk 1.4	Licensed	Licensed	Licensed	Asterisk 1.4
Support IPv6, IPv4	YES	IPv4 Only	IPv4 Only	IPv4 Only	IPv4 Only
LCD Display	NO	YES	YES	YES	NO
Embedded OS	Linux 2.6.28	Windows XP	Windows XP	Windows XP	Linux 2.6.16
FAX to Email	NO	YES	YES	YES	NO
Maximum Users	200	200	400	1000	30
Maximum Concurrent calls	50	100	200	500	15
Delivery Status	NOW	NOW	NOW	NOW	NOW

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